



# Work Order ID 82231

**\*82231\***

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March-27-12 10:35:30 AM

Item ID: D4017-041

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12 Start Qty: 1.00 **\*1\***

Cust Item ID:

Required Date: 4/02/12 Req'd Qty: 1.00 **\*1\***

Customer:

Reference:

Approvals: Process Plan: Date:

Tooling: Date:

Run Start **\*NR1\***

QC: Date:

SPC (Y/N): Date:

Stop **\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC5- Inspect part completeness to step on W/O

0.00

**\*120\***

QC

Memo

0.00

*5/2/04/02*

Quality Control

125

Pressure Wash per QSI005 4.3

0.00

**\*125\***

HandFinish

Memo

0.00

Hand Finishing

*1 2 (EP) 12/04/03*

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Item ID: D4017-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 4/02/12 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00

**\*130\***

Powdercoat

Memo

0.00

Powder Coating

1- Plug holes and mask only interior of hinge (3) prior to powder coat

1ST COAT:

START TIME: 10h10

OVEN TEMPERATURE: 400°F

FINISH TIME: 11h40

\*\*\*\*\* 2nd coat if necessary\*\*\*\*\*

2ND COAT:

START TIME: \_\_\_\_\_

OVEN TEMPERATURE: \_\_\_\_\_

FINISH TIME: \_\_\_\_\_

m120222

1   12/04/03.

140

QC3- Inspect Part Finish

0.00

**\*140\***

QC

Memo

0.00

Quality Control

1 BL124-3.

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Work Order ID: 82231

Parent Item: D4017-041

Parent Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12

Required Date: 4/02/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 09.11.30 verified by:EC IPP Rev:B as per dwg RevA DD 10.03.06 verified by:EC IPP Rev:C as per dwg RevB DD 10.04.16 verified by:EC IPP Rev:D as per dwg revC DD 10.08.18 verified by:EC IPP Rev:E 10.11.04 added pressure wash DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4017-1 Rib		Manufactured	No			100	Each	2.0000	1	1		Pl 12.03.07	
----------------	--	--------------	----	--	--	-----	------	--------	---	---	--	-------------	--

Location	Loc Qty	Loc Code
WA006	2	
80945	2	

D4018-1 Rib		Manufactured	No				Each	7.0000		1		Pl 12.03.08	
----------------	--	--------------	----	--	--	--	------	--------	--	---	--	-------------	--

\*\*\*D4018-1 is the same as D4017-3\*\*\*

Location	Loc Qty	Loc Code
WA005	7	
72545	5	
81143	2	

D4017-5 Hinge Rib		Manufactured	No			100	Each	0.0000				Pl 12.03.07	
----------------------	--	--------------	----	--	--	-----	------	--------	--	--	--	-------------	--

D4017-7 Rib		Manufactured	No			100	Each	13.0000	1	1		Pl 12.03.07	
----------------	--	--------------	----	--	--	-----	------	---------	---	---	--	-------------	--

Location	Loc Qty	Loc Code
WA005	13	
69730	1	
81176	12	

D4017-9 Rib		Manufactured	No			100	Each	10.0000	2			Pl 12.03.07	
----------------	--	--------------	----	--	--	-----	------	---------	---	--	--	-------------	--

Location	Loc Qty	Loc Code
WA006	10	
70341	2	
73531	4	
81515	4	

\* 381445 → ①

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Work Order ID: 82231

Parent Item: D4017-041

Parent Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12

Required Date: 4/02/12

Start Qty: 1.00

Required Qty: 1.00

D3916-041 Manufactured No  
Rib Assembly

100 Each 2.0000

2 2

*Pl 12.03.08*

Location

Loc Qty

Loc Code

WA006

2

*381444*

69161

2

D3916-5 Manufactured No  
Light Rib

100 Each 17.0000

1 1

*Pl 12.03.07*

Location

Loc Qty

Loc Code

WA

17

*81434*

17

*①*

D4034-041 Manufactured No  
Aft Upper Rib Assembly

100 Each 2.0000

1 1

*Pl 12.03.08*

Location

Loc Qty

Loc Code

WA006

2

*81172*

2

*①*

D4034-043 Manufactured No  
Fwd Upper Rib Assembly

100 Each 0.0000

1 1

*381432 → ① Pl 12.03.07*

D2581 Manufactured No  
Mounting Bracket

100 Each 11.0000

2 2

*Pl 12.03.07*

Location

Loc Qty

Loc Code

WA005

11

69739

1

70766

2

77045

1

*77523*

7

*②*

D3913-15 Manufactured No  
Wide Handle Plate

100 Each 8.0000

1 1

*Pl 12.03.07*

Location

Loc Qty

Loc Code

WA005

8

*80778*

8

*①*

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Work Order ID: 82231

Parent Item: D4017-041

Parent Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12

Required Date: 4/02/12

Start Qty: 1.00

Required Qty: 1.00

D4016-1 Manufactured No

100 Each 14.0000 3 3

Hinge Half, Base

## Location

## Loc Qty

## Loc Code

WA005

14

79413

14

~~D4020-3~~ Manufactured No

100 Each 0.0000 1 1

~~Mesh (350 Basket Short Base)~~

D4020-11 Manufactured No

100 Each 4.0000 2 2

End Mesh, Basket

## Location

## Loc Qty

## Loc Code

WA035

4

69648

2

78693

2

D2931 Manufactured No

150 Each 490.0000 2 2

Bumper

## Location

## Loc Qty

## Loc Code

ST504

490

46064

490

D4021-1 Manufactured No

100 Each 39.0000 3 3

Handle Plate

## Location

## Loc Qty

## Loc Code

WA005

39

80826

22

81433

17

D4021-5 Manufactured No

150 Each 13.0000 2 2

Blanking Plate

## Location

## Loc Qty

## Loc Code

GA

5

73478

3

81438

2

ST084

8

81438

8

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Work Order ID: 82231

Parent Item: D4017-041

Parent Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12

Required Date: 4/02/12

Start Qty: 1.00

Required Qty: 1.00

AN3-10A Purchased No

150 Each 367.0000

6 6

Bolt

Location

Loc Qty

Loc Code

GA  
119084  
ST351  
117795  
120873

63  
63  
304  
4  
300

6

AN960JD8 NAS1149DN832J Purchased No  
Washer 4 1120422  
MS20600-AD4W3 Purchased No  
Cherry Rivets

150 Each 0.0000

2 2

150 Each 1,138.0000

2 2

Location

Loc Qty

Loc Code

ST321  
111636  
117505  
117601  
118626  
120308  
WA018  
107939

1005  
36  
2  
27  
600  
340  
133  
133

2

MS21042L3 Purchased No  
Nut

150 Each 2,690.0000

6 6

Location

Loc Qty

Loc Code

ST300  
117441  
117885  
118451  
118927  
119017  
119075  
121162

2690  
16  
32  
5  
3  
2368  
166  
100

6

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Work Order ID: 82231

Parent Item: D4017-041

Parent Item Name: Short Basket Base Assembly (350 )

Start Date: 3/27/12

Required Date: 4/02/12

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

150

Each

822.0000

12

12

WASHER

Location

Loc Qty

Loc Code

ST275

822

117735

37

119225

10

120498

172

120910

200

120986

200

121166

200

17317

3

12

*Handwritten signature and date: 3/27/04*

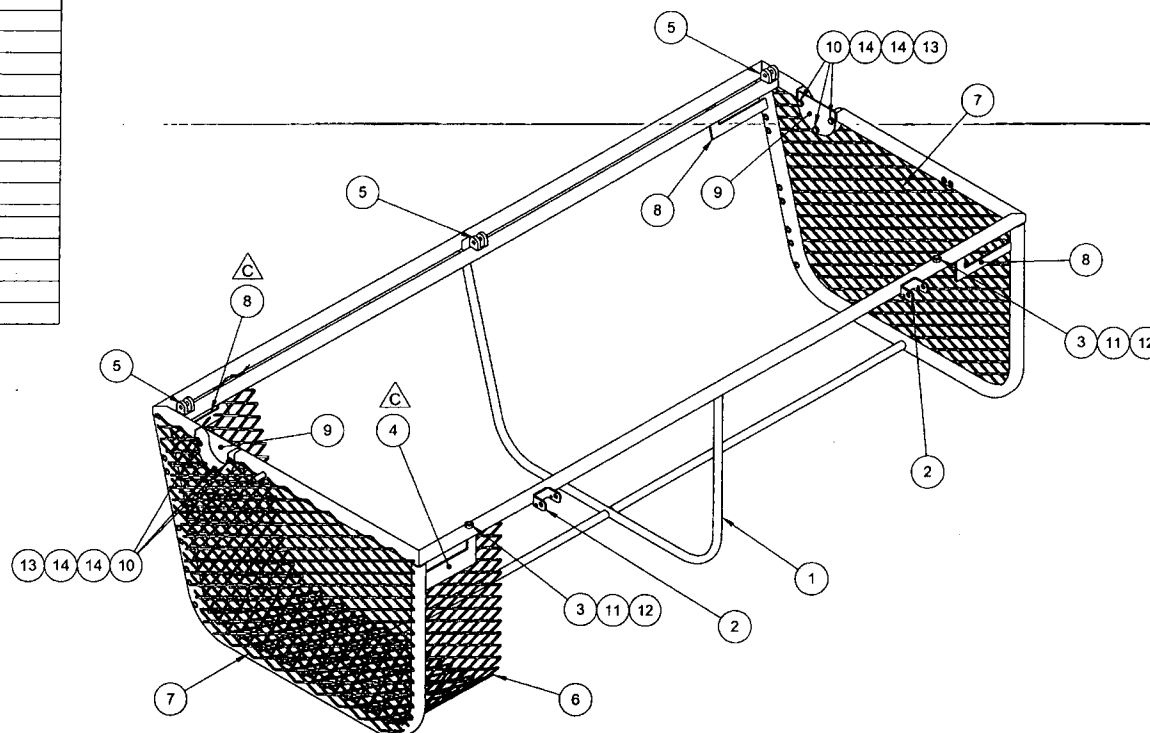
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ITEM	QTY -041	P/N	DESCRIPTION
	X	D4017-041	SHORT BASKET BASE ASSY (350)
1	1	D4017-101	TUBULAR ASSY (350 SHORT BASKET)
2	2	D2581	MOUNTING BRACKET
3	2	D2931	BUMPER
4	1	D3913-15	WIDE HANDLE PLATE
5	3	D4016-1	HINGE HALF, BASE
6	1	D4020-3	MESH (350 BASKET SHORT BASE)
7	2	D4020-11	END MESH, BASKET
8	3	D4021-1	HANDLE PLATE
9	2	D4021-5	BLANKING PLATE
10	6	AN3-10A	BOLT
11	2	AN860JD8	WASHER
12	2	MS20600AD4W3	RIVET
13	6	MS21042L3	NUT
14	12	NAS1149F0332P	WASHER



**D4017-041 SHORT BASKET BASE ASSY (350)**  
(MESH SHOWN LOCALLY FOR CLARITY)

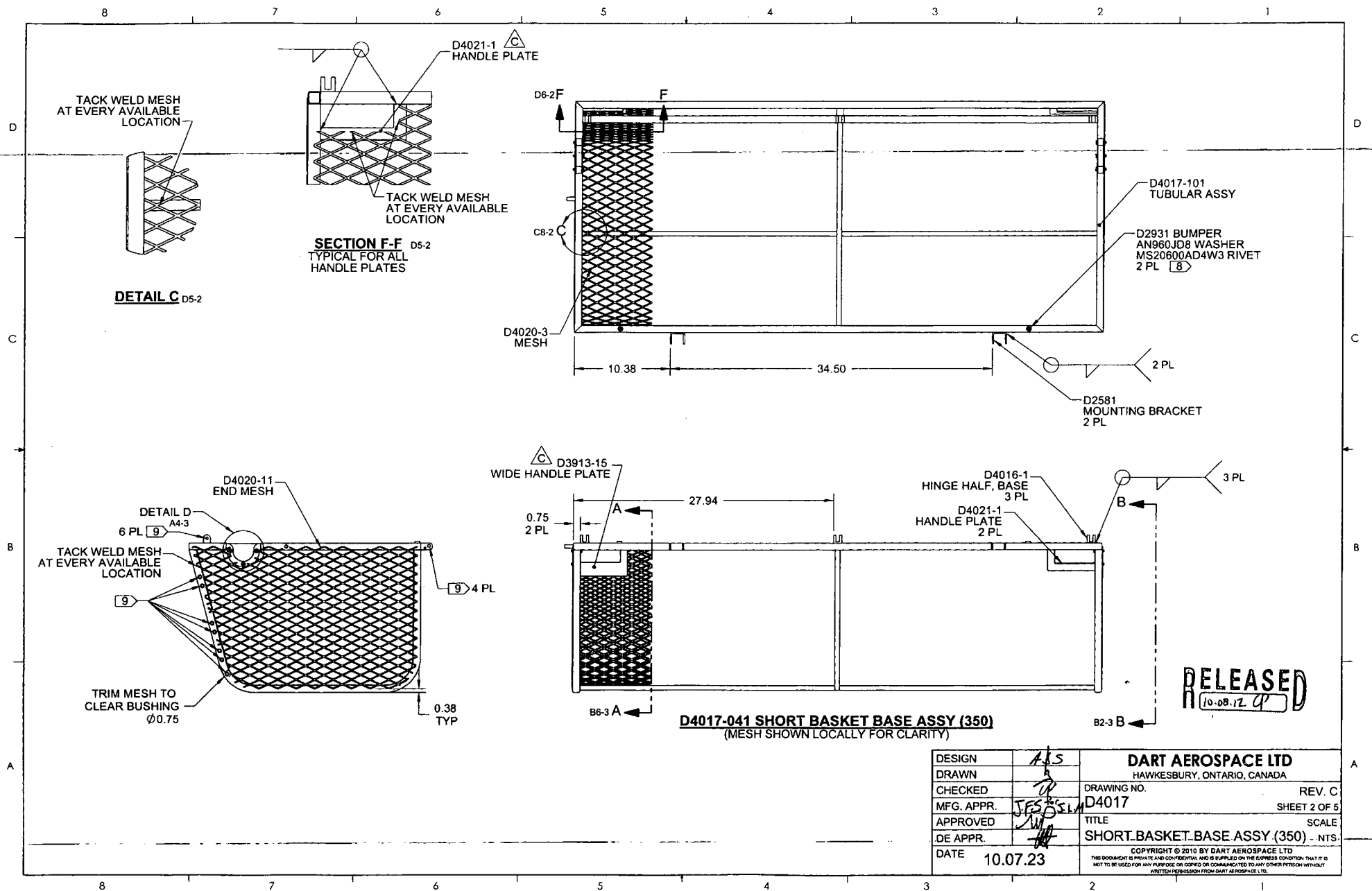
ECN 10-596  
**RELEASED**  
10.08.12

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 28.8 lbs APPROX
- 8) INSTALL AFTER FINISH
- 9) MASK HOLES PRIOR TO POWDER COAT
- 10) WELD PER DART QSI 004

C	ITEM #4 NOW INSTALLED OUTBOARD (C4-1, C5-1, B5-2 AND D8-2). REASON: ELIMINATE INTERFERENCE PREVENTING INSTALLATION OF RECEIVER ASSEMBLIES.	MB	10.07.23
B	QTY 1 D4021-1 REPLACED WITH QTY 1 D3913-15; AN3-10A BOLT WAS AN3C10A; NAS1149F0332P WASHER WAS NAS1149C0332R; SECTION F-F UPDATED (D8-2); ITEMS RENUMBERED; DETAIL D UPDATED (A4-3)	JPH	10.03.25
A	NEW ISSUE	AJS	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	J	DRAWING NO.	REV. C
CHECKED	J.P.	D4017	SHEET 1 OF 5
MFG. APPR.	J.F.S.	TITLE	SCALE
APPROVED	10/7/23	SHORT BASKET BASE ASSY (350) NTS	
DE APPR.		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	10.07.23		

82231



8 7 6 5 4 3 2 1

D

C

B

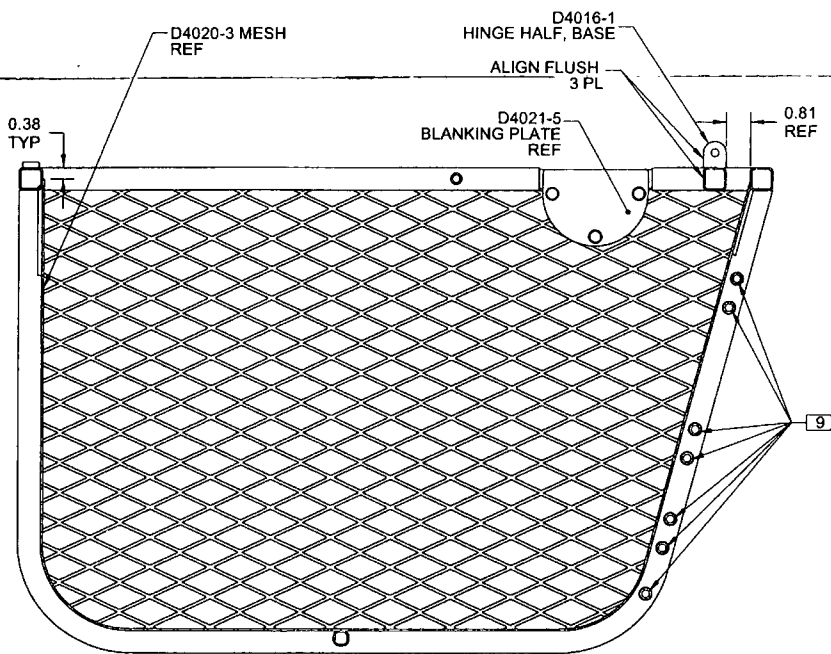
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D

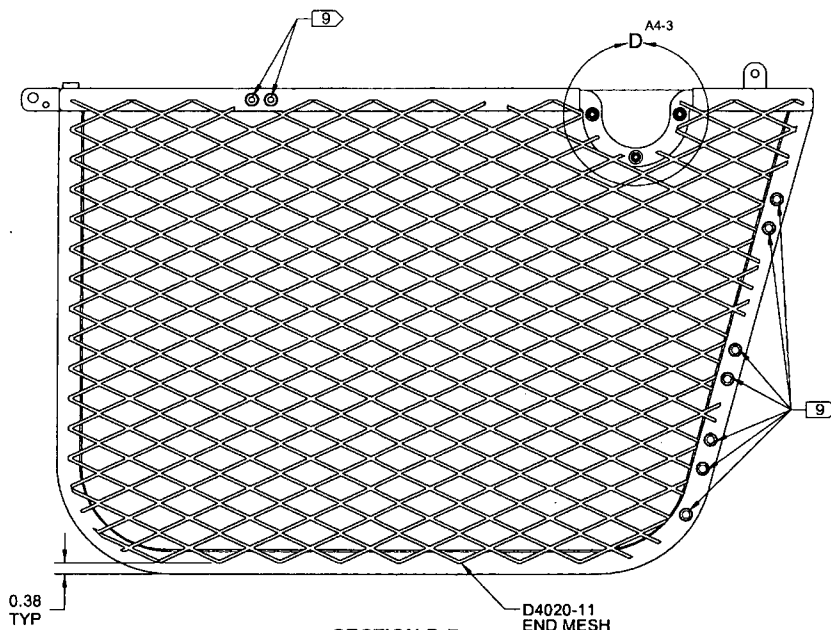
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B

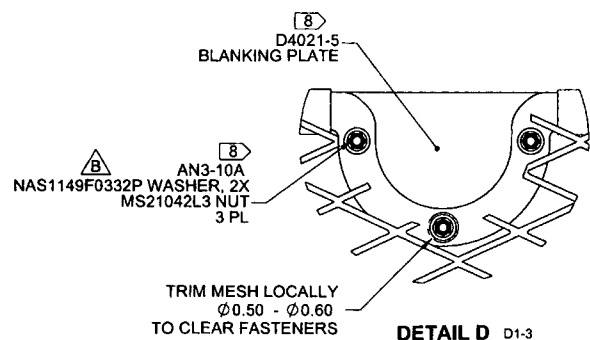
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**SECTION A-A** A5-2



**SECTION B-B** A2-2



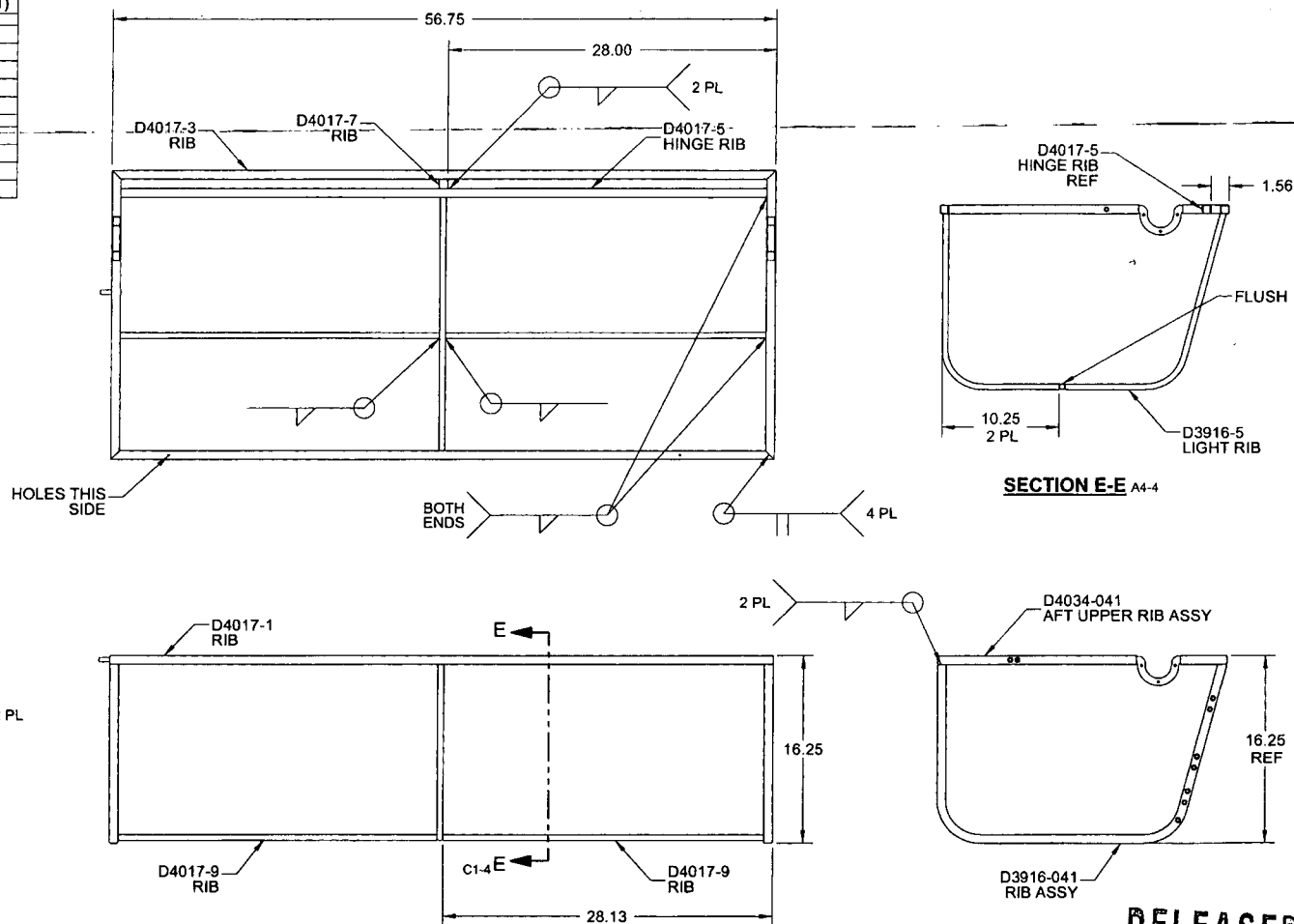
**DETAIL D** D1-3 B8-2

**RELEASED**  
10.08.12

DESIGN	AKS	<b>DART AEROSPACE LTD</b>	
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	J.F.S.	DRAWING NO. <b>D4017</b>	REV. C
MFG. APPR.	J.F.S.	TITLE	SHEET 3 OF 5
APPROVED	J.F.S.	<b>SHORT-BASKET-BASE ASSY (350) -NTS-</b>	SCALE
DE APPR.	J.F.S.	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
DATE	10.07.23	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

ITEM	QTY -101	P/N	DESCRIPTION
	X	D4017-101	TUBULAR ASSY (350 SHORT BASKET)
1	1	D4017-1	RIB
2	1	D4017-3	RIB
3	1	D4017-5	HINGE RIB
4	1	D4017-7	RIB
5	2	D4017-9	RIB
6	2	D3916-041	RIB ASSY
7	1	D3916-5	LIGHT RIB
8	1	D4034-041	AFT UPPER RIB ASSY
9	1	D4034-043	FWD UPPER RIB ASSY



- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 15.26 lbs
  - 8) TOLERANCE FOR XX.XX DIMENSIONS  $\pm 0.06$  FOR D4017-101
  - 9) WELD PER DART QSI 004

8 D4017-101 TUBULAR ASSY (350 SHORT BASKET)

DESIGN	ALS	DART AEROSPACE LTD	REV. C
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	
MFG. APPR.	STJ	D4017	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET-BASE-ASSY (350) -NTS	
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10.08.23

